

Title (en)

DEVICE AND METHOD FOR CLEANING PAINTING SPINDLES FOR VEHICLE WHEELS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM REINIGEN VON LACKIERSPINDELN FÜR FAHRZEUGGRÄDER

Title (fr)

DISPOSITIF ET PROCÉDÉ DE NETTOYAGE DE BROCHES DE PEINTURE POUR ROUES DE VÉHICULE

Publication

EP 3750642 A1 20201216 (EN)

Application

EP 20179834 A 20200612

Priority

IT 201900009030 A 20190614

Abstract (en)

Cleaning of painting spindles (2), wherein a lower end (50) of the spindles is engaged on a conveyor (3), which feeds them along a cleaning chamber (5), which is provided with blowing nozzles (6), and along a first and a second pre-chamber (11, 12), which are arranged in series upstream and downstream of the cleaning chamber, inlet and outlet openings (13, 15) of the cleaning chamber (5) being closed by first squeegee blades (18) shaped like foils or brushes, and through inlet and outlet slits of the pre-chambers provided with air curtain seals; the nozzles being divided into a first and a second bench (41, 42) spaced apart from one another with a pitch that is such that the first bench sends compressed air on first angular sectors (S1) of the spindles, whereas the second bench sends compressed air on second angular sectors (S2) of the spindles.

IPC 8 full level

B08B 5/02 (2006.01); **B05B 14/10** (2018.01); **B08B 1/20** (2024.01); **B65G 45/22** (2006.01)

CPC (source: EP)

B08B 5/023 (2013.01); **B08B 1/20** (2024.01)

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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